

CITY OF PITTSBURGH)
) SS
STATE OF PENNSYLVANIA)

I, James E. Boeide, am a librarian for the Carnegie Library in Pittsburgh, Pennsylvania. The Carnegie Library contains original volumes of the publications and proceedings of the Air Hygiene Foundation of America, Inc., the Industrial Hygiene Foundation of America, Inc., and the Industrial Health Foundation, Inc.

Attached hereto are 4 pages which are true and correct copies of the publications and proceedings of THE INDUSTRIAL HYGIENE FOUNDATION OF AMERICA, INC., NOV. 10-11, 1943.

The attached pages are COVER PAGE, TITLE PAGE, REPORT OF THE MANAGING DIRECTOR AND LIST OF MEMBERS AND SUBSCRIBERS.

PLAINTIFF'S
EXHIBIT
JHF-100

the archives of the Science and Technology Section of the
Carnegie Library, Pittsburgh, Pennsylvania; these documents have
been in existence for twenty (20) or more years.

James E. Bobick, Affiant, being first
duly sworn, deposes and says:

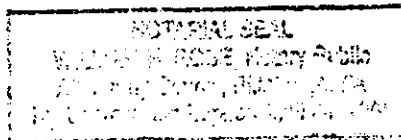
That the foregoing statements are true.

James E. Bobick

SUBSCRIBED AND SWORN TO BEFORE ME on this the ____ day
of November, 1992.

William H. Dore
NOTARY PUBLIC

My Commission Expires:



only in their relationship to the success of

ning this program, Carnegie's system is
problems attendant to the present labor
ent an approach considered fundamentally
eptance from other industries and inter-
adaptability and merit of this program
anner in which it has served our purpose.
lies from the past at our General Offices.
negie-Illinois employees are now serving
endous loss of manpower has been con-
duction output. Our part in the program
ter of record. Time and time again the
has been raised far above normal antici-
ave it, "The proof of the pudding is in
ion of our manpower program is verified
have been made available to the armed
and steel products continues unabated.

that the Carnegie system was developed
numerated heretofore and designed to
information on their personnel and the
and Training operations upon such per-
tional adoption were first appreciated
tern Pennsylvania congressmen during
ducing units. Upon the return of these
mmended to Donald Nelson, Chairman
al Lewis B. Hershey, National Director
C'man of the War Manpower Com-
Director of Operations, War Man-
e plan be studied and evaluated from a
d that representatives from Carnegie-
method for critical review by this com-

plan having met with the approval of
ective Service, and the War Production
S. Tower, President of the American
be developed as an industry approach
Institute act as the clearing agency.
organization and a program assigned

War Manpower Commission continued
ith a view toward developing its many
all industry. It is our understanding
d that the Carnegie plan will shortly
nd adoption by all industry as a basis
nts and allotments in the war effort.
ment will be furnished an inventory
ling of an armed force to the desired
fect an orderly withdrawal of men
t be detrimental to a continual accel-

INDUSTRIAL HYGIENE FOUNDATION OF AMERICA, Inc.



EIGHTH ANNUAL MEETING OF MEMBERS

PITTSBURGH, PENNSYLVANIA

November 10-11, 1943

Memoriam

RTINE MELLER

ed by the passing of Harry
guished scientist who was a

glorious career of one who
for the benefit of those who
in the words of a medical
orld is a little better place
won international renown
tification through his pioneer
findings have guided
in the struggle for cleaner
d the development of a new
which are shared by the
pedestrian on the street, and

ductive life, well lived, and
parting mingled with sym-
or his immediate survivor.

PROCEEDINGS
OF EIGHTH ANNUAL MEETING
OF
INDUSTRIAL HYGIENE FOUNDATION OF AMERICA, INC.
NOVEMBER 10-11, 1943

ne data. Just as I can foresee the greatest activity that this country has ever enjoyed been won—as there is now no doubt that it necessity of an organization such as the unbiased information and help can be readily obtained. The Foundation can be most helpful period, when the protection of the health of sibly even of the consuming public will be nt than in the past, as with the enormous chemistry and engineering during the war, have arisen in the development of new

on of the Foundation.

al of truth in the old saying that nothing s—the success of your Foundation, and the oard of Trustees that expenditures should dgeted and supervised, has resulted in a sition.

at last year's Annual Meeting, I expressed ould be able to build up a Special Fund of or research work not contemplated in our , and for future unforeseen contingencies. some hesitancy at the onset as to the advis- ing our members for any contribution other s, I am delighted to tell you that an excel- made with contributions from thirty-one An indirect result of our request for a , been that eight companies have increased

in. I comment: I wish to repeat my last ative to the Foundation's connection with —we are housed rent free, and all services given to the Foundation on a non-profit opportunity of extending to Dr. Weidlein, tute, the sincere appreciation and thanks r their generous assistance, without which d not have been able to survive the early which we today would not be able to do rk.

can help you and the war program. just one suggestion, as our greatest pres- is manpower: let the Foundation aid you suggestions for lessening of industrial our staff is somewhat limited, we can nt surveys in 1944 than we did in 1943.

great sorrow to the death of Dr. Harry Meller, as the Managing Director of the Foundation. vision, knowledge and handling of the indus- lie before us—from a personal basis, we have piring companionship. I am happy, however, a to carry on the ideals and policies of Dr. l.

REPORT OF THE MANAGING DIRECTOR

JOHN F. McMAHON

Wartime demands for maintaining manpower in industry stimulated industrial hygiene during the past year as never before. Tangible indicators of this fact are increased demands by industry upon Industrial Hygiene Foundation, and upon all public and private agencies, for plant hygiene surveys and advice; a substantial increase in Foundation membership; increased attention to healthful working conditions in labor relations; and sharp increases in the sales of respirators, welding helmets and other personal protective equipment.

Thirty-three companies and employer associations joined the Foundation during the year, bringing the total membership to 256. Meanwhile, 21 more Federal and State agencies, branches of the Army and Navy, universities, etc., subscribed to the Foundation's publications. This brings the number of subscribers to 60. A list of the new members follows:

New Members

Allison Company
American Brake Shoe Co.
American Cyanamid Company
American Iron & Steel Institute
Robert F. Coleman, Inc.
Consolidated Mining & Smelting Co., of Canada, Ltd.
Corning Glass Works
Davison Chemical Corporation
Ebasco Services, Inc.
Electro Refractories & Alloys Corp.
Falk Corporation
Firestone Tire and Rubber Company
Firth Sterling Steel Company
Fuller Merriam Company
Galvin Manufacturing Company
Garco Products, Inc.

Gardner Machine Company
Hawley Products Company
Hercules Powder Company
Mauricio Hochschild
O. Hommel Company
Jack & Heintz, Inc.
Kirk & Blum Manufacturing Company
Mackintosh-Hemphill Company
Monsanto Chemical Company
New Jersey Zinc Company
Pullman-Standard Car Mfg. Co.
Joseph E. Seagram & Son, Inc.
South West Box Company
Strathmore Paper Company
Sun Rubber Company
U. S. Rubber Company (Abrasive Div.)
S. K. Wellman Company

Plant Surveys

Approximately 50 hygiene surveys were conducted in plants of member companies during the year, ranging in length from several days to several weeks. These investigations were in addition to a score of short plant visits and inspections in helping companies control noxious and obnoxious exposures in workplaces. Some of the survey work not only eliminated possible health hazards, or disagreeable working conditions, but also introduced substantial operating economies. To illustrate, controlling the exposure in one plant effected a saving in the use of a solvent; in another factory the amount of a toxic gas required in a casting operation was reduced; in still another instance a corrosion problem was solved. These examples show some of the added benefits of industrial hygiene applied by scientists and engineers with practical experience in industrial operations.

Supplemental benefits are improvements in labor relations. In one plant the Foundation averted a work stoppage by reducing the concentration of an irritating dust to reasonable limits. Outside the Foundation's contacts

MEMBERS OF INDUSTRIAL HYGIENE FOUNDATION

Abington Sanitary Manufacturing Co.
 Abrasive Company
 Abrasive Division, U. S. Rubber Company
 General Refractories Company
 Glass Container Association
 Glenshaw Glass Company, Inc.
 Grinding Wheel Manufacturers Ass'n
 The Hall China Company
 Hamilton Emery & Corundum Company
 Hamilton Grinding Wheel Company
 Hazlet Products Company
 Hazel-Atlas Glass Company
 Hecla Mining Company
 Hercules Powder Company
 John W. Hignman Company
 O. Hommel Company
 Maurelio Hochschild S. A. M. I.
 Industrial Silica Corporation
 Industrial Tape Corporation
 International Business Machines Corp.
 International Nickel Company, Inc.
 Jack & Helntz, Inc.
 Jackson Mills Emery Company
 Janison Coal & Coke Company
 Johns-Manville Corporation
 Jones & Laughlin Steel Corporation
 Keystone Emery Mills
 Kinble Glass Company
 The Kirk & Blum Manufacturing Company
 Koppers Company
 Homer Laughlin China Company
 Lava Crucible Company of Pittsburgh
 E. J. Laybno & Company
 Lead Industries Association
 Liberty Mutual Insurance Company
 Mackintosh-Hemphill Company
 MacIntosh Company
 Magna-Copper Company
 Maryland Self-Insurers' Association
 Merck & Company, Inc.
 Mexico Refractories Company
 The Munsell Paper Company
 Michigan Mutual Liability Company
 Mid-West Abrasive Company
 Mine Safety Appliances Company
 Monsanto Chemical Company
 Mutual Chemical Company of America
 J. S. McCormick Company
 National Crushed Stone Association, Inc.
 National Grinding Wheel Company
 National Industrial Sand Association
 National Lead Company
 National Slag Association
 The Neville Company
 New Jersey Zinc Company
 North American Refractories Company
 Norton Company
 Norton Pike Company
 Ontario Mining Association
 Oriental Emery Company
 Ottawa Silica Company
 Owens-Corning Fiberglass Corporation
 Owens-Illinois Glass Company
 Pacific Coast Association of Pulp & Paper Manufacturers
 Penabular Grinding Wheel Company
 Penn-Tulcon Company
 Pennsylvania Glass Sand Corporation
 Phelps Dodge Corporation
 Pittsburgh Plate Glass Company
 Plaskon Division, Libbey-Owens-Ford Co.
 Portland Cement Association
 Powers X-Ray Products, Inc.
 Abington Sanitary Manufacturing Co.
 American Abrasive Company
 American Air Filter Company, Inc.
 American Brake Shoe Company
 American Cyanamid Company
 American Emery Wheel Works
 American Iron & Steel Institute
 American Mining Congress
 American Mutual Liability Insurance Co.
 American Optical Company
 American Radiator & Standard Sanitary Corporation
 American Refractories Institute
 American Smelting & Refining Company
 American Zinc Institute
 American Zinc, Lead & Smelting Company
 Anasconda Copper Mining Company
 Ass'n of Casualty & Surety Executives*
 Automobile Manufacturers Association
 Ball Brothers Company
 Bartlett-Collins Company
 Bay State Abrasive Products Company
 Bethlehem Steel Company, Inc.
 Bird & Son, Inc.
 Bridgeport Safety Emery Wheel Company
 Bunker Hill & Sullivan Mining & Concentrating Company
 The Carborundum Company
 Central Silica Company
 Chicago Wheel & Manufacturing Company
 Climax Molybdenum Company
 Robert F. Coleman, Inc.
 The Colorado Mining Association
 Consolidated Mining & Smelting Company of Canada, Ltd.
 Corhart Refractories Company
 Corning Glass Works
 Cortland Grinding Wheel Corporation
 Davison Chemical Corporation
 Deckers Creek Sand Company
 Denver Fire Clay Company
 A. T. deSanno & Son, Inc.
 Detroit-Star Grinding Wheel Company
 Diamond Alkali Company
 Dore Chemical Company, Inc.
 Dow Chemical Company
 B. F. Drakenfeld Company
 Dravo Corporation
 Eagle-Picher Lead Company
 Ebasco Services, Inc.
 Electro Refractories & Alloys Corporation
 Employers Mutual Liability Insurance Co.
 Ethyl Corporation
 Eureka Flint & Spar Company, Inc.
 Exolon Company
 The Falk Corporation
 Firestone Tire & Rubber Company
 Fifth Street Steel Company
 The Flitkote Company
 Foote Mineral Company
 Foundry Supply Manufacturers Ass'n
 Frazier-Simplex, Inc.
 Fuller Merriam Company
 Galvin Manufacturing Company
 Garco Products, Inc.
 Gardner Machine Company
 General Abrasive Company, Inc.

* Multiple Membership

MEMBERS OF INDUSTRIAL HYGIENE FOUNDATION

Precision Grinding Wheel Company, Inc.
 The Pullman Company
 Pullman-Standard Car Manufacturing Co.
 Ryburn Manufacturing Company
 Raybestos-Manhattan, Inc.
 Blatto Mining Corporation
 H. H. Robertson Company
 Safety First Supply Company
 Safety Grinding Wheel & Machine Co.
 Claude B. Schnell Company
 Joseph E. Seagram & Sons, Inc.
 Shenango Furnace Company
 Simonds Worden White Company
 Solvay Process Company
 South West Box Company
 St. Joseph Lead Company
 Standard Abrasive Wheel Company
 Standard Lime & Stone Company
 Sterling Grinding Wheel Company
 Stockton Fire Brick Company
 The Sun Rubber Company
 Texas Gulf Sulphur Company
 Titan Abrasives Company
 Toledo Edison Company
 Trenton Potteries Company
 Tri-State Zinc & Lead Ore Producers Association
 Union Carbide & Carbon Corporation
 United Engineering & Foundry Company
 United States Pottery Association
 United States Smelting Refining & Mining Company
 United States Steel Corporation of Del.
 Universal Sanitary Manufacturing Co.
 Utah Copper Company
 Utilities Research Commission*
 Valley Mould & Iron Corporation
 Vanadium Corporation of America
 Vesuvius Crucible Company
 Virified Wheel Company
 Waltham Grinding Wheel Company
 Washington Mills Abrasive Company
 Wedron Silica Company
 The S. K. Wellman Company
 West Company
 Western Precipitation Corporation
 Westfield Grinding Wheel Company
 Westinghouse Air Brake Company
 Westinghouse Electric & Mfg. Company
 Whitehead Brothers Company
 Wilson Products, Inc.
 Wisconsin Abrasive Company
 Wolf's New Process Abrasive Wheel, Inc.
 Youngstown Sheet & Tube Company

SUBSCRIBERS

FEDERAL GOVERNMENT

Air Service Command, Fairfield, Ohio.
 Bureau of Medicine & Surgery, Navy Dept.
 Chief of Ordnance, Chicago, Ill.
 Industrial Hygiene Service, Oklahoma City, Okla.
 Industrial Safety Division, Huntsville Arsenal, Alabama
 Industrial Hygiene Laboratory, Baltimore, Md.
 Medical Supply Officer, Fort Mason, Cal.
 Navy Yard, Charleston, S. C.
 Shore Establishments Div. Navy Dept.
 Tennessee Valley Authority
 U. S. Public Health Service

STATES

Department of Health, California
 Department of Health, Connecticut
 Department of Health, Georgia
 Department of Health, Idaho
 Department of Health, Illinois
 Department of Health, Indiana
 Department of Health, Iowa
 Department of Health, Kansas
 Department of Health, Louisiana
 Department of Health, Maryland
 Department of Health, Missouri
 Department of Health, Montana
 Department of Labor, New York
 Department of Health, Ohio
 Department of Labor & Industry, Pennsylvania
 Department of Health, Tennessee
 Department of Health, Texas
 Department of Health, Utah
 Department of Health, Vermont
 Department of Health, Virginia
 Department of Health, West Virginia
 Department of Health, Wisconsin
 Industrial Commission of Ohio

CITIES

Department of Health, Baltimore, Md.
 Department of Health, Detroit, Mich.
 Department of Health, St. Louis, Mo.

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 Medical Administration Service

FOREIGN

Department of Pensions & Health, Ottawa, Canada
 Department of Health & Public Welfare, Winnipeg, Canada
 British Ministry of Supply Mission
 International Labor Office, Montreal
 Medical Research Council, London
 Ministère Sante & B. E. Social Hyg. Quebec, Canada
 Netherlands Government Commission for Scientific Documentation

* Multiple Membership